



Search History 6/1/03 2:18:27 PM Page 2 C:\09831995.wsp

[-	110	372/6.ccls. and dfb	USPAT;	2003/05/28 15:16		
1	1		US-PGPUB;			
-			EPO; JPO;			
1.	88	(372/6.ccls. and dfb) and amplifier	DERWENT USPAT:	2003/05/28 15:52		
1		(o. 20.000. and dib) and amplifica	US-PGPUB;	2003/03/26 15:52		
İ			EPO; JPO;			
	1		DERWENT			
-	56	((372/6.ccls. and dfb) and amplifier) and (erbium near dop\$3)	USPAT;	2003/05/28 15:24		
			US-PGPUB;]		
			EPO; JPO;			
1_	9	(((372/6.ccls. and dfb) and amplifier) and (erbium near dop\$3))	DERWENT	0000005100 10 01		
		and ((wave near mixing) or (counter near propagat\$3))	USPAT; US-PGPUB;	2003/05/28 18:01		
		(Wave Hear Mixing) or (counter flear propagates))	EPO; JPO;			
			DERWENT			
-	2	((372/6.ccls. and dfb) and amplifier) and (self near pulsat\$3)	USPAT;	2003/05/28 15:44		
			US-PGPUB;			
1			EPO; JPO;			
	1 22	(070/0 1 - 1/0) 1 - 1/0	DERWENT			
-	33	(372/6.ccls. and dfb) and amplifier and mirror	USPAT;	2003/05/28 16:20		
			US-PGPUB;			
	1		EPO; JPO; DERWENT			
-	96	dfb and (saturable near absor\$5)	USPAT:	2003/05/28 16:21		
		(US-PGPUB;	2003/03/20 10.21		
			EPO; JPO;			
			DERWENT			
-	41	(dfb and (saturable near absor\$5)) and induc\$6	USPAT;	2003/05/28 16:22		
	l		US-PGPUB;			
ļ			EPO; JPO;			
1_	1	(dfb and (saturable near absor\$5)) and (induc\$6 near grat\$4)	DERWENT	0000/05/00 40 00		
	'	(dib and (saturable flear absorps)) and (inducto flear grato4)	USPAT; US-PGPUB:	2003/05/28 16:23		
			EPO; JPO;			
			DERWENT			
-	34	(dfb and (saturable near absor\$5)) and (induc\$6 and grat\$4)	USPAT;	2003/05/28 16:30		
			US-PGPUB;			
			EPO; JPO;			
_	13	(saturable near absor\$6) and (induc\$6 near grat\$4)	DERWENT			
ŀ	"	(saturable flear absorpt) and (inducte flear grate4)	USPAT;	2003/05/28 16:33		
	1		US-PGPUB; EPO; JPO;			
			DERWENT			
-	2	((saturable near absor\$6) and (induc\$6 near grat\$4)) and (dfb or	USPAT;	2003/05/28 16:32		
		dbr)	US-PGPUB;			
			EPO; JPO;			
1.	75	(enturable near absorbs) and misses and ((1))	DERWENT			
-	/3	(saturable near absor\$6) and mirror and (((distributed near feedback) or dfb))	USPAT;	2003/05/28 16:45		
		recordedly of divij	US-PGPUB; EPO; JPO;			
			DERWENT			
-	12	((saturable near absor\$6) and mirror and (((distributed near	USPAT;	2003/05/28 16:43		
		feedback) or dfb))) and (wave near mixing)	US-PGPUB;			
		**	EPO; JPO;			
	40	Machinehla assault a (CO)	DERWENT			
-	19	((saturable near absor\$6) and mirror and (((distributed near	USPAT;	2003/05/28 16:46		
	ĺ	feedback) or dfb))) and ((wave near mixing) or (counter near propagat\$3))	US-PGPUB;	Ì		
		F F = 2 = 1 + 0 1	EPO; JPO; DERWENT	!		
 -	122	(saturable near absor\$6) and (mirror or reflect\$3 or filter) and	USPAT;	2003/05/28 16:46		
	ŀ	(((distributed near feedback) or dfb))	US-PGPUB;	2000/00/20 10.40		
	i	. "	EPO; JPO;			
			DERWENT]		
-	29	((saturable near absor\$6) and (mirror or reflect\$3 or filter) and	USPAT;	2003/05/28 17:10		
		(((distributed near feedback) or dfb))) and ((wave near mixing) or	US-PGPUB;			
		(counter near propagat\$3))	EPO; JPO;	ļ		
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21 (dfb near laser) and (induc\$5 near grating\$1)					
Second S	-	21	(dfb near laser) and (induc\$5 near grating\$1)		2003/05/28 17:12
DERWENT USPATIL USPORTUS CO03/05/28 17:31 USPORTUS USPATIL USPORTUS USPATIL USPORTUS USPATIL USPORTUS USPATIL US					
S2 (((distributed near feedback) or dfb)) and (induc\$5 near greling\$1) USPAT; USPA				EPO; JPO;	
grating\$1)	İ	50	(//-4:-4:-4:-4:-4:-4:-4:-4:-4:-4:-4:-4:-4:-		
Comparison of the and widm and (edf or edfa) and (high near power near output) UsPAT: 2003/05/28 17:37 2003/05/28 17:37 2003/05/28 17:37 2003/05/28 17:37 2003/05/28 17:37 2003/05/28 17:37 2003/05/28 17:37 2003/05/28 17:37 2003/05/28 17:37 2003/05/28 17:37 2003/05/28 17:37 2003/05/28 17:38 2003/05/28 17:39 2003/05/28 18:29 2003/05/28 18:29 2003/05/28 18:29 2003/05/28 18:29 2003/05/28 18:29 2003/05/28 18:29 2003/05/28 18:29 2003/05/28 18:29	-	52			2003/05/28 17:31
3 3 3 3 3 3 3 3 3 3			graung\$1)		
and ("397" near coupler) or (output near coupler) or (coupler)				EPO; JPO;	
and (("3/97" near coupler) or (output near coupler) or (coupler) dib and (edf or edfa) and (high near power near output) and ("3/97" near couples) dib and (edf or edfa) and (high near power near output) and ("3/97" near couples) dib and (edf or edfa) and (high near power near output) and (output near (mirror or coupler)) dib and (edf or edfa) and (high near power near output) and (output near mirror) dib and (edf or edfa) and (high near power near output) and (output near mirror) dib and (edf or edfa) and (high near power near output) and (nduc\$5 near feedback) dib and (edf or edfa) and (high near power near output) and (nduc\$5 near feedback) dib and (edf or edfa) and (high near power near output) and (nduc \$6 near feedback) dib and (edf or edfa) and (high near power near output) and (nduc \$6 near feedback) dib and (edf or edfa) and (high near power near output) and (nduc \$6 near feedback) dib and (edf or edfa) and (high near power near output) and (nduc \$6 near feedback) dib and (edf or edfa) and (high near power near output) and (nduc \$6 near feedback) dib and (edf or edfa) and (high near power near output) and (nduc \$6 near feedback) dib and (edf or edfa) and (high near power near output) and (nduc \$6 near feedback) dib and (edf or edfa) and (high near power near output) and (nduc \$6 near feedback) dib and (edf or edfa) and (high near power near output) dib and (edf or edfa) and (high near power near output) dib and (edf or edfa) and (high near power near output) dib and (edf or edfa) and (high near power near output) dib and (edf or edfa) and (high near power near output) dib and (edf or edfa) and (high near power near output) dib and (edf or edfa) and (high near power near output) dib and (edf or edfa) and (high near power near output) dib and (edf or edfa) and (high near power near output) dib and (edf or edfa) and (high near power near output) edfb and (edf or edfa) and (high near power near output) dib and (edf or edfa) and (high near power near output) edfb and (edf or edfa)	1_	2	dfb and wdm and (odf or odfo) and (high near news news news)		0000/05/00 47.07
Company Comp		1	and (("3/97" near coupler) or (output near coupler) or (coupler)	1	2003/05/28 17:37
DERWENT USPAT; USPAGPUB; EPO; JPO; DERWENT USPAGPUB; EPO	į		and ((5/57 fical couple)) of (output fical couple))		
dfb and (edf or edfa) and (high near power near output) and ("3/97" near coupler)					
Carrier Carr	-	0	dfb and (edf or edfa) and (high near power near output) and		2003/05/28 17:38
- 0 dfb and (edf or edfa) and (high near power near output) and ("3/97" near coupl\$3) 1 1 1 1 1 1 1 1 1				1	
0 dfb and (edf or edfa) and (high near power near output) and ("3/97" near coupl\$3) 203/05/28 17:38 203/05/28 17:40 203/05/28 18:20 203/05/28 18:20 203/05/28 18:20 203/05/28 18:20 203/05/28 18:20 203/05/28 18:20 203/05/28 18:20 203/05/28 18:20 203/05/28 18:20 203/05/28 18					
1 1 1 1 1 1 1 1 1 1					
1 dfb and (edf or edfa) and (high near power near output) and (output near (mirror or coupler)) 1 1 1 1 1 1 1 1 1	-	0		USPAT;	2003/05/28 17:38
- 1 dfb and (edf or edfa) and (high near power near output) and (output near (mirror or coupler)) - 0 dfb and (edf or edfa) and (high near power near output) and (output near mirror) - 0 dfb and (edf or edfa) and (high near power near output) and (induc\$5 near feedback) - 0 dfb and (edf or edfa) and (high near power near output) and (induc\$5 near feedback) - 0 dfb and (edf or edfa) and (high near power near output) and (output near mirror) - 0 dfb and (edf or edfa) and (high near power near output) and (output near mirror) - 0 dfb and (edf or edfa) and (high near power near output) and (output near mirror) - 0 dfb and (edf or edfa) and (high near power near output) and (output near mirror) - 0 dfb and (edf or edfa) and (high near power near output) and mirror - 0 dfb and (edf or edfa) and (high near power near output) and mirror - 0 dfb and (edf or edfa) and (high near power near output) and (uspective pop. pop. pop. pop. pop. pop. pop. pop			("3/97" near coupl\$3)	US-PGPUB;	
1 dfb and (edf or edfa) and (high near power near output) and (output near (mirror or coupler)) USPAT; USPGPUB; EPO; JPO; DERWENT USPAT;					
Coutput near (mirror or coupler)				DERWENT	
Comparison of the property o	-	1		1	2003/05/28 17:40
DERWENT USPAT; USPACPUB; EPO, JPO; DERWENT USPAT; USPACPUB; EPO, JPO; DERWENT USPAT; USPA			(output near (mirror or coupler))		
USPAT; USPAT;					
Coutput near mirror)		_	dfb and (adf as adfa) and (bink assessment of the control of the c		
Composition Composition	-	"	uib and (edi or edia) and (nigh near power near output) and		2003/05/28 17:41
O O O O O O O			(output near milior)		
0 dfb and (edf or edfa) and (high near power near output) and (induc\$5 near feedback)					
Company Comp	1_	0	dfb and (edf or edfa) and (high near power near output) and		2002/05/29 17:44
- 0 dfb and (edf or edfa) and (high near power near output) and (output near mirror) - 5 dfb and (edf or edfa) and (high near power near output) and mirror - 5 dfb and (edf or edfa) and (high near power near output) and mirror - 6 dfb and (edf or edfa) and (high near power near output) - 6 dfb and (edf or edfa) and (high near power near output) - 7 dfb and (edf or edfa) and (high near power near output) - 80 (dfb and (edf or edfa) and (fiber or fibre)) and 372/\$.ccls. - 80 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) - 7 dfb and (edf or edfa) and (fiber or fibre)) and (wave near mixing) or (counter near propagat\$3)) - 80 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 - 9 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 104 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 105 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 106 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 107 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 108 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 109 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3)		ľ			2003/03/20 17.44
dfb and (edf or edfa) and (high near power near output) and (output near mirror) dfb and (edf or edfa) and (high near power near output) and (part near mirror) dfb and (edf or edfa) and (high near power near output) and mirror dfb and (edf or edfa) and (high near power near output) and mirror dfb and (edf or edfa) and (high near power near output) USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PG			(madous risul resuducity		
dfb and (edf or edfa) and (high near power near output) and (output near mirror)					
Coutput near mirror)	-	0	dfb and (edf or edfa) and (high near power near output) and		2003/05/28 17:44
- 5 dfb and (edf or edfa) and (high near power near output) and mirror				1	
DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT;					
Mirror US-PGPUB; EPO; JPO; DERWENT USPAT; US-PG					
- dfb and (edf or edfa) and (high near power near output) - 313 dfb and (edf or edfa) and (fiber or fibre) - 313 dfb and (edf or edfa) and (fiber or fibre) - 80 (dfb and (edf or edfa) and (fiber or fibre)) and 372/\$.ccls. - 103 (dfb and (edf or edfa) and (fiber or fibre)) and 372/\$.ccls. - 103 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) - 5 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 - 2003/05/28 18:02 2003/05/28 18:02 2003/05/28 18:02 2003/05/28 18:02 2003/05/28 18:02 2003/05/28 18:04 2003/05/28 18:04 2003/05/28 18:04 2003/05/28 18:04 2003/05/28 18:04 2003/05/28 18:04 2003/05/28 18:04 2003/05/28 18:04 2003/05/28 18:04 2003/05/28 18:04 2003/05/28 18:04 2003/05/28 18:09 105-05-05-05-05-05-05-05-05-05-05-05-05-0	-	5			2003/05/28 17:47
- dfb and (edf or edfa) and (high near power near output) - 313 dfb and (edf or edfa) and (fiber or fibre) - 313 dfb and (edf or edfa) and (fiber or fibre) - 80 (dfb and (edf or edfa) and (fiber or fibre)) and 372/\$.ccls. - 103 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) - 5 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 - 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 - 104 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 105 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 106 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 107 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 108 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3)			mirror		
dfb and (edf or edfa) and (high near power near output)					
- 313 dfb and (edf or edfa) and (fiber or fibre) - 80 (dfb and (edf or edfa) and (fiber or fibre)) and 372/\$.ccls. - 103 (dfb and (edf or edfa) and (fiber or fibre)) and 372/\$.ccls. - 103 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) - 5 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 - 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 240 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$3) - 25 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$3) - 26 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$3) - 27 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$3)		_	dfb and (adf ar adfa) and (bick many mount of the th		
- 313 dfb and (edf or edfa) and (fiber or fibre) - 80 (dfb and (edf or edfa) and (fiber or fibre)) and 372/\$.ccls. - 103 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) - 5 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 - 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) - 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$5) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$3) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$3) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$3)	-	0	and (editor edita) and (nigh hear power hear output)		2003/05/28 17:48
- 313 dfb and (edf or edfa) and (fiber or fibre) 80 (dfb and (edf or edfa) and (fiber or fibre)) and 372/\$.ccls. 103 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) 103 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) 104 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing)) or (counter near propagat\$3)) 105 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 106 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 107 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) 108 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) 109 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) 1003/05/28 18:25					
- 80 (dfb and (edf or edfa) and (fiber or fibre) - 80 (dfb and (edf or edfa) and (fiber or fibre)) and 372/\$.ccls. - 103 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) - 5 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 - 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) - 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$3)					
- 80 (dfb and (edf or edfa) and (fiber or fibre)) and 372/\$.ccls. 103 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) 103 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) 104 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 105 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 106 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) 107 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) 108 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$3) 109 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4)	-	313	dfb and (edf or edfa) and (fiber or fibre)		2003/05/28 12:25
- 80 (dfb and (edf or edfa) and (fiber or fibre)) and 372/\$.ccls. - 103 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) - 5 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 - 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) - 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4)		3.3	and the second and the second		2000/00/20 10.20
- 80 (dfb and (edf or edfa) and (fiber or fibre)) and 372/\$.ccls. 103 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) 5 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 2003/05/28 18:18 2003/05/28 18:18 2003/05/28 18:02 2003/05/28 18:02 2003/05/28 18:02 2003/05/28 18:04 2003/05/28 18:04 2003/05/28 18:04 2003/05/28 18:04 2003/05/28 18:28 EPO; JPO; DERWENT US-PGPUB; EPO; JPO;				1	
- 103 (dfb and (edf or edfa) and (fiber or fibre)) and 372/\$.ccls. 103 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) 104 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 105 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 106 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) 107 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) 108 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$3) 109 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) 1003/05/28 18:18 1003/05/28 18:18 1003/05/28 18:09 1003/05/28 18:09					
- 103 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) - 5 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 - 5 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 - 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) - 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) - 103 (US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PG	-	80	(dfb and (edf or edfa) and (fiber or fibre)) and 372/\$.ccls.		2003/05/28 18:18
- 103 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) - 5 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 - 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DER					
- 103 (dfb and (edf or edfa) and (fiber or fibre)) and ((wave near mixing) or (counter near propagat\$3)) - 5 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 - 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) - 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$3) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$3) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$3) - 103 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$3)				EPO; JPO;	
or (counter near propagat\$3)) US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	1				
- 220 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 - 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) EPO; JPO; DERWENT USPAT; US-PGPUB; EPO;	-	103			2003/05/28 18:02
- 220 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 - 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; USPA			or (counter near propagat\$3))		İ
- 220 (dfb and (edf or edfa) and (fiber or fibre)) and pulsat\$3 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;					
- 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) - 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;	_	_	(dfb and (adf as adfa) and (ft ft)		
- 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DS-PGPUB; EPO; JPO; DS-PGPUB; EPO; JPO;	•	5	turn and tedror edia) and tiber or tibre)) and pulsat\$3		2003/05/28 18:04
- 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;]			
- 220 (dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3) USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DS-PGPUB; EPO; JPO; US-PGPUB; EPO; US					
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; fluctuat\$4)	<u>-</u>	220	(dfb and (edf or edfa) and (fiber or fibre)) and (noise or fluctuates)		2003/05/29 19:29
- 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) EPO; JPO; DERWENT USPAT; USPAT; US-PGPUB; EPO; JPO;		220	(200 200 (200 20 2012) and (inper or inpres) and (inpres or indefinally)		2003/03/20 18:28
- 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) DERWENT USPAT; US-PGPUB; EPO; JPO;					
- 9 (dfb and (edf or edfa) and (fiber or fibre)) and (power near fluctuat\$4) USPAT; US-PGPUB; EPO; JPO;					
fluctuat\$4) US-PGPUB; EPO; JPO;	-	9	(dfb and (edf or edfa) and (fiber or fibre)) and (power near		2003/05/28 18:09
EPO; JPO;			fluctuat\$4)		

	202	1149 1 - 11 - 11 > 110		
-	203	I Ware and fact of daily and finds of libits) and findse of	USPAT;	2003/05/28 18:10
		fluctuat\$3)) and reduc\$4	US-PGPUB;	
	1		EPO; JPO;	
	1 00	140 - 14 15 15 150	DERWENT	
-	90	(dfb and (edf or edfa) and (fiber or fibre)) and 385/\$.ccls.	USPAT;	2003/05/28 18:11
			US-PGPUB;	
ĺ			EPO; JPO;	ļ
_		(dfb poor lands and it) and if	DERWENT	
		(dfb near laser near cavity) and (edf or edfa) and (fiber or fibre)	USPAT;	2003/05/28 18:26
			US-PGPUB;	
			EPO; JPO;	
_	190	(dfb poor locar) and (adf as adfa) and (6) and (6)	DERWENT	
	190	(dfb near laser) and (edf or edfa) and (fiber or fibre)	USPAT;	2003/05/28 18:27
			US-PGPUB;	
	1		EPO; JPO;	
_	139	((dfb poor loop) and (adf as adfa) and (Standard Standard	DERWENT	
	139	((dfb near laser) and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$3)	USPAT;	2003/05/28 18:28
		or nuctua(\$3)	US-PGPUB;	
			EPO; JPO;	
_	143	((dfh poor locar) and (adf as adfa) and (5h as a 51)	DERWENT	
	145	((dfb near laser) and (edf or edfa) and (fiber or fibre)) and (noise or fluctuat\$4)	USPAT;	2003/05/28 18:28
		or nuclualist)	US-PGPUB;	
			EPO; JPO;	
_	2	(("5150236") or ("5221520")) DN	DERWENT	
		(("5150236") or ("5321539")).PN.	USPAT;	2003/05/29 10:42
			US-PGPUB	